Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1653HXP

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS 3	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS 4	MAR 31	CA/CAplus and CASREACT patent number format for U.S. applications updated
NEWS 5	MAR 31	LPCI now available as a replacement to LDPCI
NEWS 6	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 7	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS 8	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS 9	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS 10	APR 28	IMSRESEARCH reloaded with enhancements
NEWS 11	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS 12	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS 13	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS 14	JUN 06	KOREAPAT updated with 41,000 documents
NEWS 15	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS 16	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS 17	JUN 25	CA/CAplus and USPAT databases updated with IPC reclassification data
NEWS 18	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 19	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS 20	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS 21	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS 22	JUL 28	CA/CAplus patent coverage enhanced
NEWS 23	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS 24	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 25	JUL 28	STN Viewer performance improved
NEWS 26	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS 27	AUG 13	CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 28	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS 29	AUG 15	CAplus currency for Korean patents enhanced

```
 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:59:11 ON 16 AUG 2008

=> file medline, biosis, uspatful, dgene, embase, wpids, biotechds, scisearch
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'MEDLINE' ENTERED AT 12:59:57 ON 16 AUG 2008

FILE 'BIOSIS' ENTERED AT 12:59:57 ON 16 AUG 2008
Copyright (c) 2008 The Thomson Corporation

FILE 'USPATFULL' ENTERED AT 12:59:57 ON 16 AUG 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'DGENE' ENTERED AT 12:59:57 ON 16 AUG 2008
COPYRIGHT (C) 2008 THOMSON REUTERS

FILE 'EMBASE' ENTERED AT 12:59:57 ON 16 AUG 2008
Copyright (c) 2008 Elsevier B.V. All rights reserved.

FILE 'WPIDS' ENTERED AT 12:59:57 ON 16 AUG 2008
COPYRIGHT (C) 2008 THOMSON REUTERS

FILE 'BIOTECHDS' ENTERED AT 12:59:57 ON 16 AUG 2008
COPYRIGHT (C) 2008 THOMSON REUTERS

FILE 'SCISEARCH' ENTERED AT 12:59:57 ON 16 AUG 2008
Copyright (c) 2008 The Thomson Corporation

=> e phadtarei, s/au
E1          23     PHADTARE SUMANT/AU
E2           1     PHADTARE V E/AU
E3           0 --> PHADTAREI, S/AU
E4           1     PHADTE N D/AU
E5           1     PHADUNG Y/AU
E6           2     PHADUNGATH C/AU
E7          10     PHADUNGCHAROEN T/AU
E8          11     PHADUNGCHAROEN THATREE/AU
E9           3     PHADUNGCHEP A/AU
E10          5     PHADUNGCHEWIT Y/AU
E11          1     PHADUNGDHITIDHADA S/AU
E12          2     PHADUNGKIAT SAMPANT/AU
```

```
=> s e1
L1          23 "PHADTARE SUMANT"/AU

=> s l1 and (quorum-sensing)
L2           0 L1 AND (QUORUM-SENSING)

=> s (quorum-sensing)\
MISSING OPERATOR M-SENSING)\
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s (quorum-sensing)
L3       10503 (QUORUM-SENSING)

=> s l3 and (autoinducer-2)
L4         598 L3 AND (AUTOINDUCER-2)

=> s l4 and DHCP)
UNMATCHED RIGHT PARENTHESIS 'DHCP)'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s l4 and (DHCP)
L5           3 L4 AND (DHCP)

=> d l5 ti abs ibib tot

L5   ANSWER 1 OF 3  USPATFULL on STN
TI     Method of gene encoding a 4,5-dihydroxy-2-cyclopenten-1-one (
       DHCP) efflux protein promoting resistance to DHCP
AB     The invention relates to a gene, dep, which confers resistance to the
       antibacterial activity of 4,5-dihydroxy-2-cyclopenten-1-one (
       DHCP). The invention further relates to the putative protein
       encoded by dep, which is a hydrophobic, transmembrane efflux protein
       specific for DHCP. The invention further relates to plasmids
       containing the dep gene, and to bacterial cells expressing dep.
       Furthermore, the invention provides applications for use in conferring
       resistance to antibacterial activity in organisms. The dep gene can be
       used to identify compounds which inhibit the efflux activity responsible
       for the resistance to DHCP or to compounds which are
       functionally equivalent to DHCP.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER:       2007:190607  USPATFULL
TITLE:                  Method of gene encoding a 4,5-dihydroxy-2-cyclopenten-1-
                        one (DHCP) efflux protein promoting
                        resistance to DHCP
INVENTOR(S):            Phadtare, Sangita, Highland Park, NJ, UNITED STATES
                        Yamanaka, Kunitoshi, Highland Park, NJ, UNITED STATES
                        Kato, Ikunoshin, Kyoto, JAPAN
                        Inouye, Masayori, Piscataway, NJ, UNITED STATES
PATENT ASSIGNEE(S):     Takara Bio, Inc. a corporation of Japan, Otsu-shi,
                        JAPAN (non-U.S. corporation)

                             NUMBER       KIND    DATE
                        ---------------- ------ --------
PATENT INFORMATION:     US 20070166786     A1   20070719
APPLICATION INFO.:      US 2005-224538     A1   20050912  (11)
RELATED APPLN. INFO.:   Division of Ser. No. US 2001-805681, filed on 14 Mar
                        2001, ABANDONED
```

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228727P	20000829 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: IP GROUP OF DLA PIPER US LLP, ONE LIBERTY PLACE, 1650 MARKET ST, SUITE 4900, PHILADELPHIA, PA, 19103, US
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1-14
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 1150
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 3 USPATFULL on STN
TI Effect of treatment with 4,5-dihydroxy-2-cyclopenten-1-one (dhcp) on gene expression and quorum-sensing in bacteria
AB DHCP (4,5-dihydroxy-2-cyclopenten-1-one) has been previously shown to have antibacterial activity against Escherichia coli. Global transcriptional pattern of E. coli was analyzed in response to DHCP by DNA microarray. It is now shown that DHCP has widespread effects in E. coli, affecting genes encoding proteins involved in general metabolism and cell membrane synthesis and functions. In addition, rpoS and RpoS-regulated genes responding to various stresses are upregulated. DHCP is also shown to inhibit AI-2, an autoinducer involved in interspecies quorum-sensing, and the genes comprising quorum-regulated processes such as virulence, motility and outer membrane functions are downregulated by DHCP treatment. In addition, cysK which is a known quorum-sensing gene working in an alternate pathway(s) in E. coli increases considerably in response to DHCP . These results suggest that DHCP regulates the switching on/off of the different quorum-sensing circuits in E. coli.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2006:40668 USPATFULL
TITLE: Effect of treatment with 4,5-dihydroxy-2-cyclopenten-1-one (dhcp) on gene expression and quorum-sensing in bacteria
INVENTOR(S): Phadtare, Sangita, Highland Park, NJ, UNITED STATES
Kato, Ikunoshin, Koka-gun, JAPAN
Inouye, Massayori, New Brunswick, NJ, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 20060035317	A1	20060216	
APPLICATION INFO.:	US 2003-506778	A1	20030307	(10)
	WO 2003-US7081		20030307	
			20050601	PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-363548P	20020313 (60)
	US 2003-402041P	20020809 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BROWDY AND NEIMARK, P.L.L.C., 624 NINTH STREET, NW, SUITE 300, WASHINGTON, DC, 20001-5303, US
NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 1024
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 3 USPATFULL on STN
TI Gene conferring resistance to the antibacterial 4,5-dihydroxy-2-cyclopenten-1-one (DHCP), the protein encoded by same, and applications thereof
AB The invention relates to a gene, dep, which confers resistance to the antibacterial activity of 4,5-dihydroxy-2-cyclopenten-1-one (DHCP). The invention further relates to the putative protein encoded by dep, which is a hydrophobic, transmembrane efflux protein specific for DHCP. The invention further relates to plasmids containing the dep gene, and to bacterial cells expressing dep. Furthermore, the invention provides applications for use in conferring resistance to antibacterial activity in organisms. The dep gene can be used to identify compounds which inhibit the efflux activity responsible for the resistance to DHCP or to compounds which are functionally equivalent to DHCP.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2002:259587 USPATFULL
TITLE: Gene conferring resistance to the antibacterial 4,5-dihydroxy-2-cyclopenten-1-one (DHCP), the protein encoded by same, and applications thereof
INVENTOR(S): Phadtare, Sangita, Highland Park, NJ, UNITED STATES
Yamanaka, Kunitoshi, Highland Park, NJ, UNITED STATES
Kato, Ikunoshin, Kyoto, JAPAN
Inouye, Masayori, Piscataway, NJ, UNITED STATES
PATENT ASSIGNEE(S): The University of Medicine and Dentistry of New Jersey (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20020143163	A1	20021003
APPLICATION INFO.:	US 2001-805681	A1	20010314 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228727P	20000829 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SCHNADER HARRISON SEGAL & LEWIS, LLP, 1600 MARKET STREET, SUITE 3600, PHILADELPHIA, PA, 19103
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 686
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:59:11 ON 16 AUG 2008)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, BIOTECHDS, SCISEARCH' ENTERED AT 12:59:57 ON 16 AUG 2008
E PHADTAREI, S/AU
L1 23 S E1
L2 0 S L1 AND (QUORUM-SENSING)
L3 10503 S (QUORUM-SENSING)

```
L4          598 S L3 AND (AUTOINDUCER-2)
L5            3 S L4 AND (DHCP)

=>
```